

# The NetBackup Flex Deployment Mode on the 5250 Appliance

Ransomware resilience for critical data.

The Veritas NetBackup™ Flex deployment mode running on a 5250 Appliance provides ransomware resilience and the capacity and performance to consolidate smaller NetBackup domains into a single appliance.

Based on container technology, the NetBackup Flex deployment mode extends NetBackup data protection with multi-tenant capabilities to reduce data center costs, improve management efficiency and protect against ransomware and security threats.

## Solution Highlights

### Ransomware Resiliency

The NetBackup Flex Deployment Mode Immutable Architecture is multilayered to provide security and resilience for the entire data protection infrastructure. At its core is immutable storage important for ransomware resilience. Other layers include container isolation, a hardened operating system, access control and intrusion detection and prevention.

- **APIs and Automation**

Integration of APIs for external 3rd party management and monitoring for operational efficiency. Support for tools like Grafana to monitor performance of platform and instances on NetBackup Flex Deployment Mode.

- **Optimized for departmental and data center workloads**

The NetBackup 5250 provides more granularity in expansion, starting at 10 TB and expandable up to 442 TB usable capacity, making it ideal for remote locations as well as enterprise data centers.

- **Reduce costs with consolidation**

Consolidate small existing NetBackup deployments on a 5250 Appliance with the multi-tenant capabilities of the NetBackup Flex deployment mode. Reduce the number of server and storage devices requiring setup, management, maintenance, power cooling, cabling and floor space, significantly reducing data center costs.

- **On-demand response to rapidly changing business environments**

Rapidly deploy infrastructure by configuring application instances into a complete data protection solution. Build systems to meet the specific information needs of a department or business unit.

- **Fast and easy upgrades**

Minimize planned maintenance time by simply installing a NetBackup container with a new release.

- **Proactive monitoring with NetInsights Console.**

- **Monitors key hardware components and notifies the administrator of fault events.**

## Performance

The NetBackup Flex 5250 delivers 28 TB/hour throughput based on server-side deduplication with a 98 percent deduplication rate.

The NetBackup Flex 5250 delivers 124 TB/hour throughput based on client-side deduplication with a 98 percent deduplication rate.

Technical Specification	NetBackup Flex 5250	Expansion Shelf
Usable storage capacity (TB/TiB)	10/9.1, 40/36.4	72/65.5 per shelf
Expansion shelves	N/A	Up to 6 shelves
Minimum system usable capacity (TB/TiB)	10/9.1	
Maximum system usable capacity (TB/TiB)	442/402	
1 Gb Ethernet ports	4	N/A
25–10 Gb Ethernet ports	Up to 6	N/A
16 Gb Fibre Channel ports	Up to 8	N/A
Dimensions H x W x D cm (inches)	8.9 x 48.26 x 76.9 (3.5x19x30.25)	S-Series 8.89 x 48.26 x 60.20 (3.5 x 19 x 23.7) D-Series 8.7 x 48.2 x 53.9 (3.4 x 18.9 x 21.2)
Maximum weight, with disk drives	24.1 kg (53 lbs.)	S-Series 28kg (62 lbs.) D-Series 24.2kg (53.35 lbs.)
Typical power consumption (watts)	240	225
Maximum power consumption (watts)	500	600
Operating temperature (°F/°C)	50–95/10–35	50–95/10–35
AC voltage range (volts)	100–127 200–240	100–127 200–240
AC frequency range (Hz)	50 to 60	50 to 60

## Warranty Coverage

One (1) year parts replacement and 90 days software.

## Management

Through the Appliance Management Server.

## Protocol Standards Followed

IPMI 2.0, SMBIOS 2.5, SAS 3.0, ACPI rev 3, IP RFC0791, IPv6

## Safety and EMC Compliance

GB4943-2001, IEC 60950-1, UL 60950-1, FCC 47 CFR Part 15 Subpart A, EN 60950-1, EMC Directive 2004/108/EC, EN 55024: 1998+A1+A2, LVD Directive 2006/95/EC

## About Veritas

Veritas Technologies is a global leader in data protection and availability. Over 80,000 customers—including 87 percent of the Fortune Global 500—rely on us to abstract IT complexity and simplify data management. The Veritas Enterprise Data Services Platform automates the protection and orchestrates the recovery of data everywhere it lives, ensures 24/7 availability of business-critical applications, and provides enterprises with the insights they need to comply with evolving data regulations. With a reputation for reliability at scale and a deployment model to fit any need, Veritas Enterprise Data Services Platform supports more than 800 different data sources, over 100 different operating systems, more than 1,400 storage targets, and more than 60 different cloud platforms. Learn more at [www.veritas.com](http://www.veritas.com). Follow us on Twitter at [@veritastechllc](https://twitter.com/veritastechllc).

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